

TEST CERTIFICATE

1. ITEM	:	Borofloat33
2. GLASS MTL	:	Borosilicate glass
3. CHEMICAL COMPOSITION(%)		SiO ₂ 81%, Al ₂ O ₃ : 2% B ₂ O ₃ : 13%, Na ₂ O / K ₂ O : 4.0%
4. Thermal Coefficient Expansion		$3.25 \times 10^{-6} / ^\circ\text{C}$
5. Transformation temperature		530℃
6. Annealing temperature		560℃
7. Knoop hardness		480
8. Softening temperature		820℃
9. Density		2.2g/cm ³
10. Maximum temperature		500℃
11. Normal use temperature		450℃
12. Poisson Ratio		0.2
13. Young-Modules		64KN/mm ²
14. Dispersion		71.9×10^{-4}
15. Thermal conductivity		1.2W(m×k)
16. Bending Strength		25MPa

서 울 특 수 유 리 공 업 사

